

## CLAIMS

What is claimed is:

1. Apparatus for forming a pleat in a flexible component spanning and joining first and second, spaced apart file folder components together at one side of the folder, said apparatus comprising:

10 stationary first and second creasing components and a third, stationary creasing component;

the first and second creasing components being located to engage the flexible component in spaced apart locations between the file folder components on a first side of the flexible component;

15 the third creasing component being positioned to engage the flexible component at a location between the locations of the first and second creasing components and on the opposite side of the flexible component from the first and second creasing components; and

20 the apparatus further comprising an arrangement for moving the folder relative to the creasing components.

- 5      2.     Apparatus as defined in claim 1 wherein the creasing components have flexible component-engageable edges so contoured that, as the folder is moved relative to the creasing components, the distances in the direction of travel of the folder between: (a) the edges of the first and second creasing components, and (b) the edge of the third creasing component so change that the flexible component is pushed into a space
- 10     between the first and second creasing components and the flexible component is consequentially creased and folded by the first, second and third creasing components at the locations of the edges of those components.
3.     Apparatus as defined in claim 1 in which the distance between the first and second creasing components decreases in the direction of movement of the folder.
- 15     4.     Apparatus as defined in claim 1 which comprises mechanism downstream from the creasing components for compressing the part of the folder where the flexible component is located to set the creases in flexible component made by the creasing components.
5.     Apparatus as defined in claim 1 which has the capability of forming a pleat
- 20     between first and second file folder components which are front and back file folder panels.

5       6.     Apparatus as defined in claim 1 which has the capability of forming a pleat  
between first and second file folder components which are a front or back folder panel  
and an internal divider.

7.     Apparatus as defined in claim 1 which has the capability of forming a pleat  
between first and second file folder components which are internal dividers.

10     8.     Apparatus as defined in claim 1:

                wherein the arrangement for moving the folder relative to the creasing  
components comprises a conveyor for moving said folder from a location upstream of  
the creasing components to said components with said folder in an orientation in which  
the first and second folder components are in a side-by-side relationship; and

15           the apparatus comprises a plow for rotating one of the folder components into a  
parallel, spaced apart relationship with another of the folder components.

9.     Apparatus as defined in claim 7 which comprises first and second stationary  
components for respectively supporting the first and second folder components in said  
parallel, spaced apart relationship.